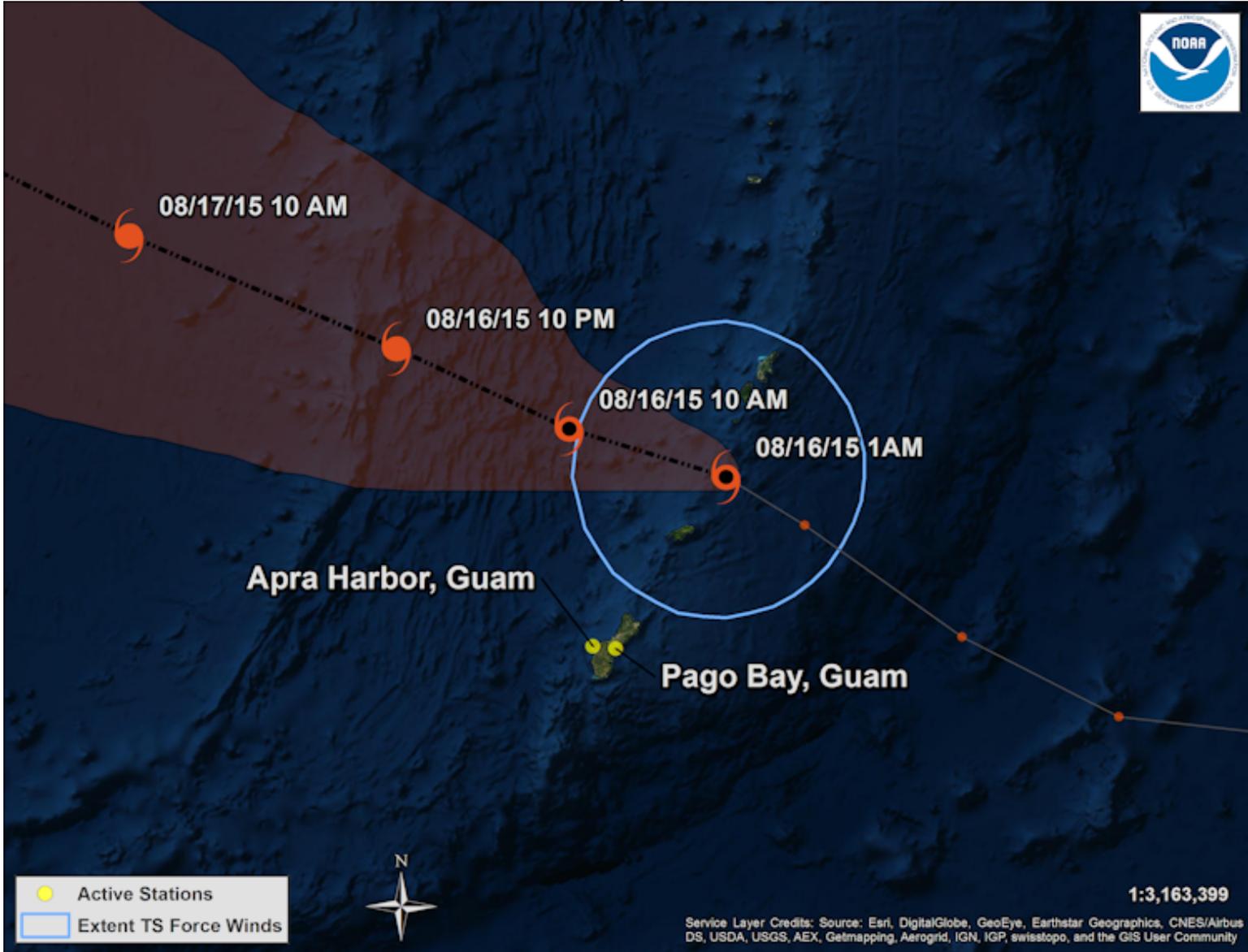




Tropical Storm GONI QuickLook
Posted: 02:00 ChST 08/16/2015

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/16/2015 02:00 ChST, water levels at Pago Bay and Apra Harbor, Guam remain at or just below predicted tide levels. Wind gusts of over 30 kts have been recorded at Apra Harbor and winds at Pago Bay are slowly increasing. Barometric pressure continues to decrease at both stations.

Tropical Storm GONI QuickLook, POSTED 02:00 ChST 08/16/2015

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst:PFF

SELECT NWS WFO Guam ADVISORY INFORMATION:

BULLETIN

TROPICAL STORM GONI (16W) ADVISORY NUMBER 7

NATIONAL WEATHER SERVICE TIYAN GU WP162015

200 AM CHST SUN AUG 16 2015

...TROPICAL STORM GONI PASSING BETWEEN ROTA AND TINIAN...

WATCHES AND WARNINGS

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR GUAM...ROTA... TINIAN...SAIPAN AND ADJACENT WATERS. TROPICAL STORM CONDITIONS... INCLUDING DAMAGING WINDS OF 39 MPH OR MORE...ARE EXPECTED THROUGH THIS AFTERNOON.

A TYPHOON WATCH REMAINS IN EFFECT FOR TINIAN...SAIPAN AND ADJACENT WATERS IN THE MARIANA ISLANDS. TYPHOON CONDITIONS...INCLUDING DESTRUCTIVE WINDS OF 74 MPH OR MORE...ARE POSSIBLE THROUGH THIS MORNING.

MAXIMUM SUSTAINED WINDS...60 MPH

PRESENT MOVEMENT...WEST-NORTHWEST...300 DEGREES AT 7 MPH.

DISCUSSION AND OUTLOOK

AT 100 AM CHST...1500 UTC...THE CENTER OF TROPICAL STORM GONI (16W) WAS LOCATED BY SATELLITE NEAR LATITUDE 14.5 NORTH AND LONGITUDE 145.5 EAST or ABOUT 90 MILES NORTHEAST OF GUAM...MOVING WEST-NORTHWEST BETWEEN ROTA AND TINIAN AT 7 MPH. GONI IS EXPECTED TO CONTINUE MOVING IN THIS DIRECTION WITH A SLIGHT INCREASE IN FORWARD SPEED MONDAY MORNING.

MAXIMUM SUSTAINED WINDS HAVE INCREASED TO 60 MPH. TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 75 MILES FROM THE CENTER. TROPICAL STORM GONI IS EXPECTED TO GRADUALLY INTENSIFY OVER THE NEXT FEW DAYS...POSSIBLY BECOMING A TYPHOON LATE

TONIGHT OR MONDAY MORNING.

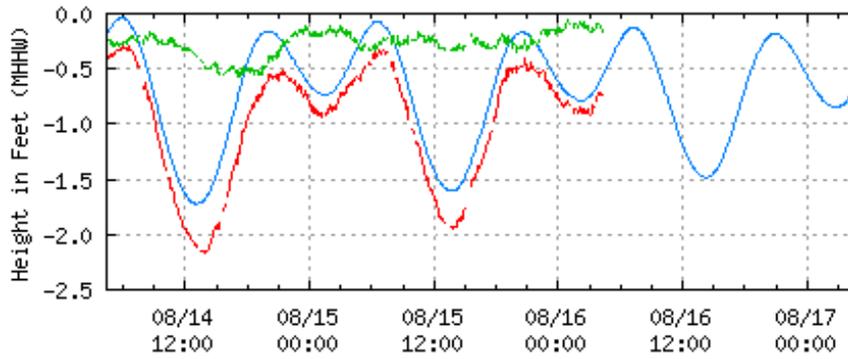
W. AYDLETT

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#), [Apra Harbor, Guam - Water Level](#), [Apra Harbor, Guam - Winds](#), [Apra Harbor, Guam - Barometric](#)

Tropical Storm GONI QuickLook, POSTED 02:00 ChST 08/16/2015

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

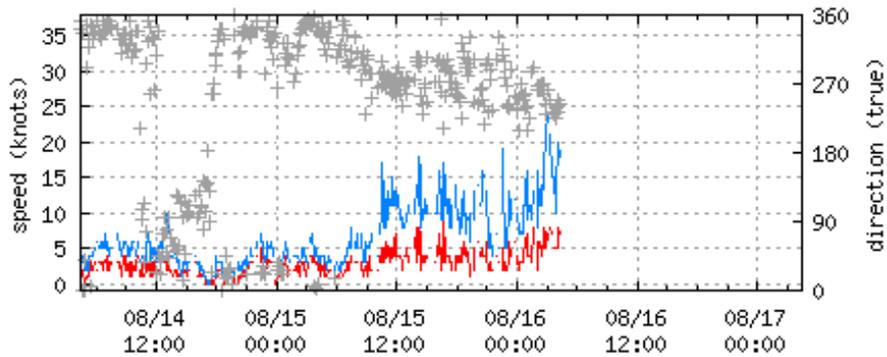
Last Observed Sample: 08/16/2015 04:12 (ChST). Data relative to MHHW

Observed: -0.73 ft. Predicted: -0.57 ft. Residual: -0.16 ft.

Historical Maximum Water Level: Oct 20 2004, 2.40 ft.

Next High Tide: 08/16/2015 07:17 (ChST), -0.13 ft.

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam
Wind Speed / Gusts / Direction

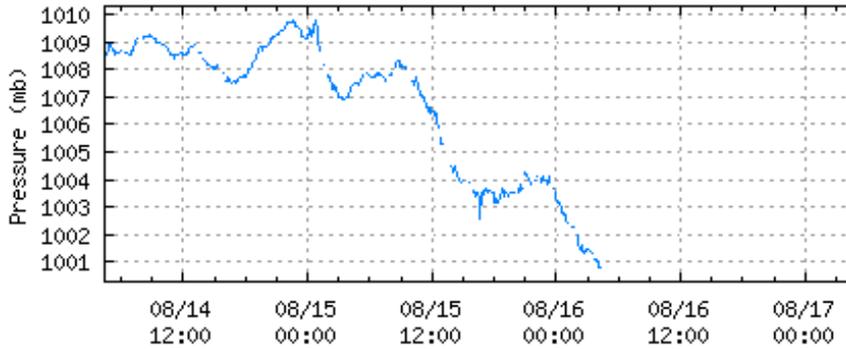


speed ——— gusts ——— direction +

Last Observed Sample: 08/16/2015 04:12 (ChST)

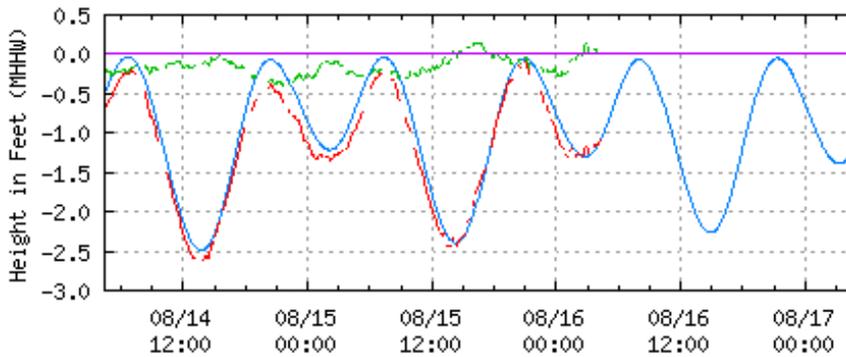
Wind Speed: 7 knots Gusts: 18 knots Direction: 244° T

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam
Barometric Pressure



barometric pressure —
Last Observed Sample: 08/16/2015 04:12 (ChST)
Barometric Pressure: 1000.8 mb

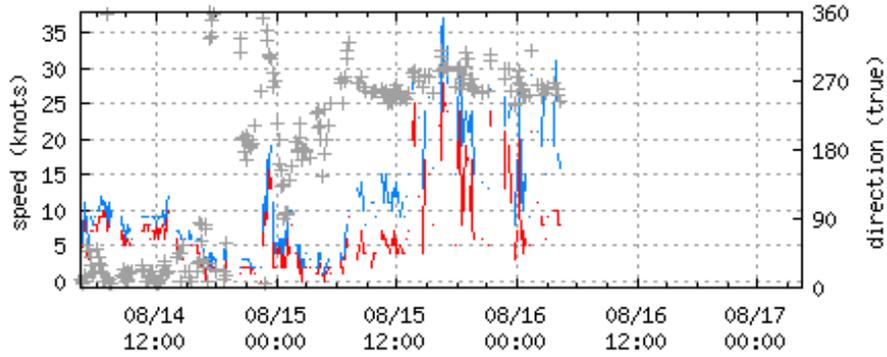
NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

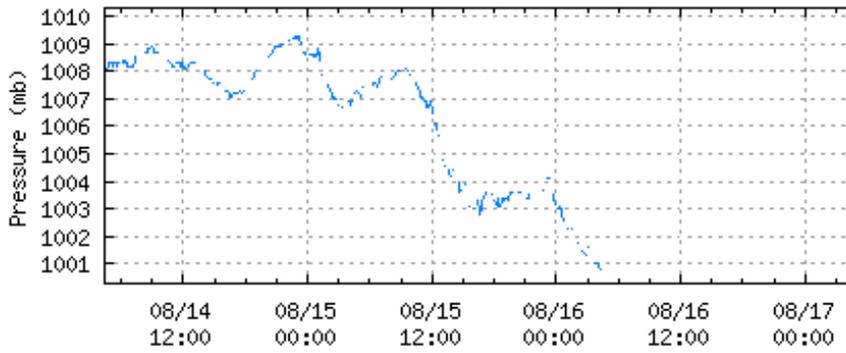
Last Observed Sample: 08/16/2015 04:12 (ChST). Data relative to MHHW
Observed: -1.10 ft. Predicted: -1.11 ft. Residual: 0.01 ft.
Historical Maximum Water Level: Aug 28 1992, 1.95 ft.
Next High Tide: 08/16/2015 08:02 (ChST), -0.07 ft.

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam
Wind Speed / Gusts / Direction



speed — gusts — direction +
Last Observed Sample: 08/16/2015 04:12 (ChST)
Wind Speed: 8 knots Gusts: 16 knots Direction: 244° T

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam
Barometric Pressure



barometric pressure —
Last Observed Sample: 08/16/2015 04:12 (ChST)
Barometric Pressure: 1000.8 mb

Tropical Storm GONI QuickLook, POSTED 02:00 ChST 08/16/2015

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1631428	Pago Bay, Guam	08/16/2015 04:12 (ChST)	-0.73 ft	-0.57 ft	-0.16 ft	-0.33 ft
1630000	Apra Harbor, Guam	08/16/2015 04:12 (ChST)	-1.10 ft	-1.11 ft	0.01 ft	-0.10 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce